



National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS
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SPD 8730.3 Rev. A
October 2004

COMPLIANCE IS MANDATORY

John C. Stennis Space Center Safety & Mission Assurance Procurement Assurance Review Policy

Stennis Policy Directive	SPD 8730.3	A
	<i>Number</i>	<i>Rev.</i>
	Effective Date:	October 25, 2004
	Expiration Date:	August 31, 2005
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Responsible Office: Office of Safety and Mission Assurance (S&MA)		
SUBJECT: S&MA Procurement Assurance Review Policy		

Document History Log

Status/Change/ Revision	Change Date	Originator/Phone	Description
Basic	8/31/00	Nick Cenci/1531	Changed document number 5300.4A to 8730.3. Section 1: Remove revision level of referenced documents. Removed an obsolete document reference. Section 2: Clarified definitions.
A	10/12/2004	Center Operations Directorate	Revalidated per NASA rules review

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1. POLICY

In accordance with SPR 8730.1, *Customer Service Manual*, the S&MA Office is tasked with the responsibility for assuring that appropriate quality provisions are identified for incorporation into all appropriate SSC procurement requests. The originator of procurement requests initiated by SSC (as defined in 2 below) has the responsibility for submitting the procurement request to the S&MA Office or its designee for review/comments regarding appropriate quality/safety provisions to be included in SSC procurement request/contracts.

2. APPLICABILITY

Procurements in the following categories (including the Statement of Work, as applicable) as follows:

a. Flight Hardware: To be used operationally on aerospace vehicles. It includes the following subsets:

- (1) Proto-flight Hardware: Hardware of a new design; it is subject to a design qualification test program.
- (2) Follow-on Hardware: Hardware built in accordance with a design that has been qualified either as prototype or as proto-flight hardware; follow-on hardware is subject to a flight acceptance test program.
- (3) Spare Hardware: Hardware in the design of which has been proven in a design qualification test program; it is subject to flight acceptance test program and is used to replace flight hardware that is no longer acceptable for flight.
- (4) Re-flight Hardware: Hardware that has been used operationally on aerospace vehicles and is to be reused in the same way; the verification program to which it is subject depends on its past performance, current status, and the upcoming missions.

b. Non-flight Hardware: Equipment used to aid in the processing, maintaining, testing, repairing, etc., of the flight vehicle and all its systems. Non-flight equipment is comprised of ground support equipment, commercial tools, special test equipment, special test devices, and element tools.

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c. Ground Support Hardware: Non-flight equipment with a physical and/or functional interface with the flight hardware that is routinely required for the handling, servicing, inspection, testing, maintenance, alignment, adjustment checkout, repair and overhaul of flight hardware.

d. Special Test Equipment/Hardware: Facility equipment/hardware that is required to accomplish the physical interface between the facility and the test article including all equipment/systems necessary to satisfy test conditions and instrumentation requirements.

3. AUTHORITY

NASA Technical Standards Program, NSTS 5300.4(1D-2), *Safety, Reliability, Maintainability, and Quality Provisions to the Space Shuttle Program*.

4. REFERENCE

- a. SPR 1280.1 SSC Management Manual.
- b. SLP-06, *Purchasing*, latest revision.
- c. SCWI-5100-0001 SSC Procedures for Initiating the Purchase of Supplies and Services.

5. RESPONSIBILITY

The S&MA Office will:

- a. Participate in reviews to assure applicable quality/safety requirements for those structures, systems, and components are correctly translated into specification drawings, procedures, and instructions, where applicable.
- b. Assure that adequate quality/safety requirements are suitably incorporated or referenced in the documents for procurement of material, equipment or services in accordance with the criticality of use.
- c. Participate in pre-award surveys and post-award conferences.
- d. Serve on source evaluation committees and boards.

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6. MEASUREMENTS

Audit and surveillance will be used to measure success and compliance in these areas.

7. CANCELLATION

This SPD supersedes SPD 5300.4A, dated December 30, 1996.

T. Q. Donaldson V, RDML USN (Ret)
Director

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